SKYSAVER
Taking Safety Higher

SkySaver Personal Rescue Device
User Manual

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NOTE: All graphics and pictures are for illustration purposes only.

About the SkySaver

1.1 System Description

SkySaver Personal Rescue Device

The SkySaver Personal Rescue Device conforms to the following international standards:
ASTM E2484-08,
ASTM F1772-12, 12.1.2
ANSI Z359.4

Inside this Box

- SkySaver Personal Rescue Device
- User Manual
- Anchor Bolt
- Anchor Installation Manual
- Quick Reference Card for use in an emergency

The SkySaver Personal Rescue System consists of a SkySaver Personal Rescue Device and an Anchor Bolt.

1.2 Using this Manual

This manual has been designed to provide you with the information needed to safely use the SkySaver Personal Rescue Device.

The manual is not intended to be used in emergencies, you should refer to your Quick Reference Card at such times.

1.3 General Information

The SkySaver Personal Rescue Device is designed as an emergency escape device for use ONLY when all other options are unavailable.

WARNING

SKYSAVER PRODUCTS ARE INHERENTLY DANGEROUS DEVICES. THEY ARE ONLY TO BE USED IN THE EVENT OF A LIFE-THREATENING EMERGENCY WHEN THERE IS NO OTHER REASONABLY SAFE WAY FOR THE USER TO EXIT. OUR PRODUCTS SHOULD NOT BE USED FOR ANY OTHER PURPOSE. OUR PRODUCTS ARE TO BE USED IN THE EVENT OF A LIFE-THREATENING EMERGENCY ONLY.

1.4 Safety Information Instructions

The SkySaver is not intended for use as a belay device in sports. It is not suitable for and must not be used for rappelling, rock climbing, in a construction environment, or for any purpose other than emergency rescue.

DURING EVACUATION FROM A BUILDING USING THE SKYSAVER SYSTEM, IT IS POSSIBLE THAT YOU WILL RECEIVE MINOR SCRAPES, CUTS, AND OTHER INJURIES. YOUR CLOTHING COULD BE DAMAGED. THE MANUFACTURER'S WARRANTY DOES NOT COVER THESE OR OTHER EVENTUALITIES NOT CAUSED BY MALFUNCTION OR DEFECT IN THE SYSTEM.

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1.5 System Components

The SkySaver system closed up and ready for storage or use:

WARNING

THE SKYSAVER IS A ONE-TIME USE DEVICE.
DO NOT ATTEMPT TO REWIND THE CABLE YOURSELF.

After use, contact SkySaver at 855-SKY-SAVER.

The SkySaver system description of components:

Using the SkySaver

2.1 Inspections and Storage

Inspections

The SkySaver Personal Rescue Device and anchor should be inspected every two (2) years by a Competent Person[1] to ensure that there are no defects in the product. Every inspection should be logged in the chart in Appendix E.

In the event that any defects are found in either the device or the anchor, do not use the unit and immediately contact SkySaver for further instructions.

Storage

Store your SkySaver Personal Rescue Device in the plastic sleeve inside of the original product box. The closed box should be stored in a cool and dry area. Avoid exposure to humid or corrosive atmospheres and extreme temperatures.

We strongly recommend that you remove your SkySaver from its packaging to try it on, adjust it, and familiarize yourself with the SkySaver. You should put on and take off the unit a number of times until you are confident in its use.

DO NOT PULL ON THE CARABINER-STYLE HOOK WHILE FAMILIARIZING YOURSELF WITH THE SKYSAVER.

[1] Competent Person: A person who is capable of identifying hazardous and potentially hazardous conditions that have or could impact the integrity of the SkySaver Personal Rescue Device or anchor. With regards to the device such conditions can include but are by no means limited to discoloration of the fabric/webbing; torn stitching or seams; puncture(s) or tear(s) to the backpack or strapping; visible signs of rust. Regarding the anchor such conditions can include but are by no means limited to loosening of the bolt from the wall; and cracks to the wall around the installation site.

2.2 Emergency Procedures

Please take the time,with your family or co-workers, to make a fire escape plan by following the ten simple steps listed below.

Every household or office should have a fire escape plan and a working smoke alarm in each room to help ensure survival in a fire. Begin your plan by regularly checking your smoke alarm to make sure that it is working. A working smoke alarm may save your life.

1. Draw a floor plan of your apartment, office or home.

Use a grid to draw a floor plan of your location. You should draw a floor plan for each floor of your location.

2. Include all possible emergency exits.

Draw in all walls, doors, windows and stairs. This will show you all possible escape routes at a glance.

3. Include any important features that could help with your escape.

Doors and windows are to be noted as the first possible escape routes from your home. Next, identify any other features that could possibly help you get out safely and note them in your plan.

4. Create two escape routes from each room.

There is a main exit from every room. This will be the exit to use if there is no apparent danger. If you are unable to use the main exit because of smoke or fire, you must have an alternate exit. The second exit is usually the window.

Special consideration should be given to planning escape routes from the bedrooms as most fires occur at night when everyone is sleeping.

NEVER OPEN A DOOR WITHOUT CHECKING IT FOR HEAT FIRST. USE THE BACK OF YOUR HAND TO DETERMINE IF THE DOOR IS HOT.

5. Remember - Some people may need help to escape.

Decide in advance who will assist the very young, elderly or physically challenged individuals at your location. A few minutes of planning will save valuable seconds in a real emergency.

6. Choose a place outside where everyone will meet.

Select a meeting place that everyone will remember. It is a good idea to choose a spot at the front of your home or close to your neighbor's house. Everyone must know to go directly to this meeting place so that they can be accounted for. NOBODY should go back into a burning building for any reason.

7. Pick a location from where you will call for rescue personnel.

8. Make sure everyone is familiar with the home escape plan.

Go over the entire plan with everyone. Discuss primary and secondary escape routes from each bedroom. Ensure that all children know the plan. Walk through the escape routes for each room with the entire family. Use this walk-through exercise to check your escape routes, making sure all exits are practical and easy to use.

9. Practice your escape plan.

After reviewing the floor plan with the members of your household or place of employment, conduct a practice run to ensure that everyone knows what to do. Practice your escape plan every six months.In the event of a real fire, you must react without hesitation. Escape routes may be quickly blocked by smoke or flames. Your practice drills will ensure that everyone knows what to do if an emergency evacuation is needed.

10. KEEP YOUR FIRE EXTINGUISHER, SMOKE DETECTORS AND FLASHLIGHTS IN GOOD WORKING ORDER. SERVICE THEM REGULARLY. THEY MAY SAVE YOUR LIFE ONE DAY.

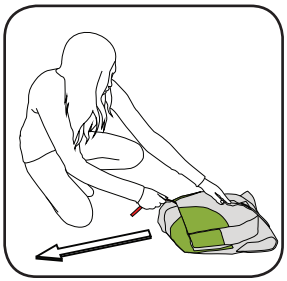
2.3 Putting on and Using the SkySaver

IN EVENT OF A FIRE, FOLLOW THESE GUIDELINES:

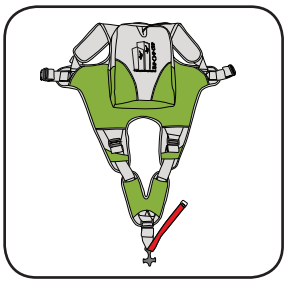
Assess the evacuation path situation.

- Can you use the emergency stairways or external fire escapes? If yes, then you should evacuate this way.
- Is there time for you to wait for fire rescue services to arrive without endangering your life?
If yes, then wait for them to arrive and follow their instructions.

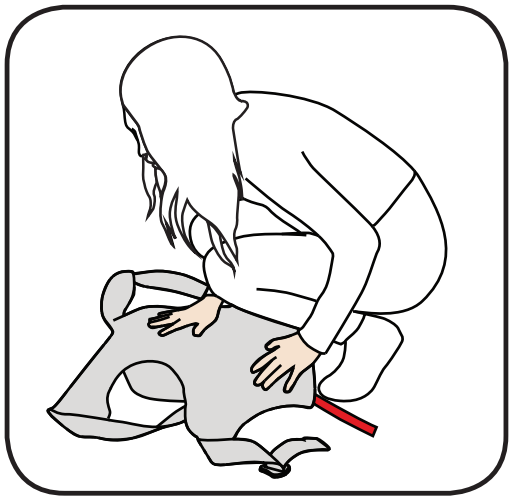
IF DANGER IS IMMINENT THEN LOCATE YOUR SKYSAVER AND REMOVE IT FROM ITS STORAGE CONTAINER.



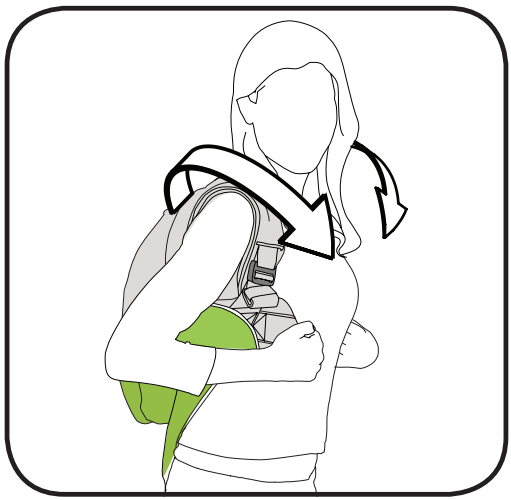
Lay the system flat on the ground. Pull on the red strap at the bottom of the backpack until the harness is fully exposed.



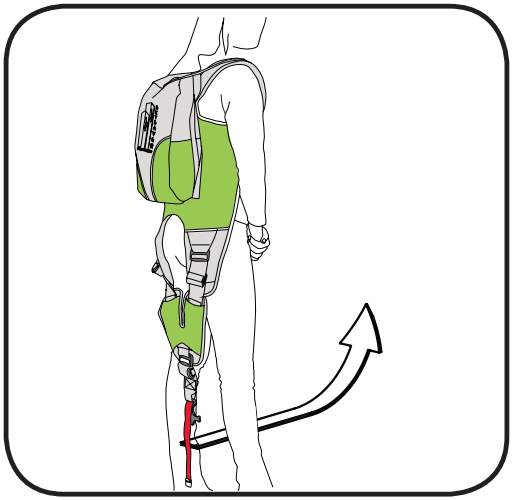
THIS IS WHAT YOU SHOULD SEE NOW. The harness is fully extracted, rear adjustment buckles exposed, and the “Y” shaped sit harness is visible.



Roll the SkySaver over and stay low. Toxic fumes may be present. The safe working area is low to the ground.

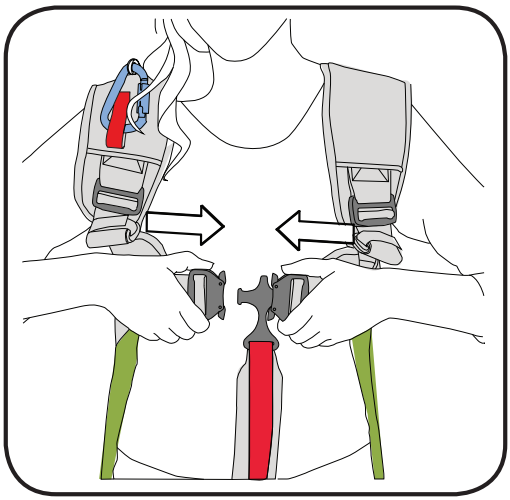


Put on the SkySaver as if it were a backpack.
Stay low to the ground, toxic fumes may be present.



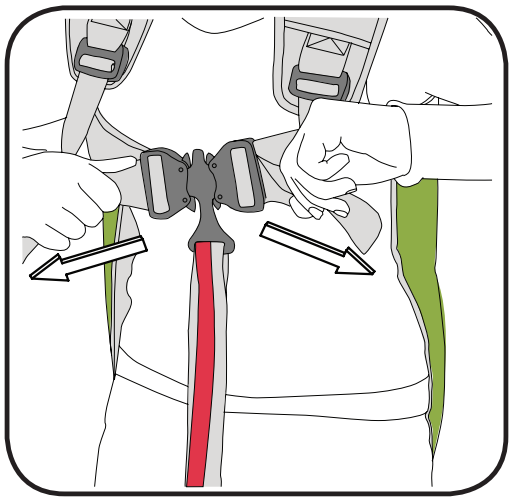
Reach down, pass the strap under your leg and connect the male “T” buckle to the corresponding female connectors. This creates a single point sit harness.

CAUTION

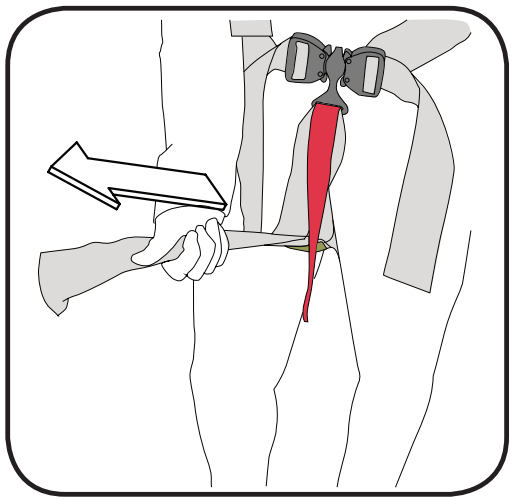


ENSURE THAT BOTH BUCKLES ARE FIRMLY CONNECTED. THIS CREATES A SINGLE POINT SIT HARNESS.

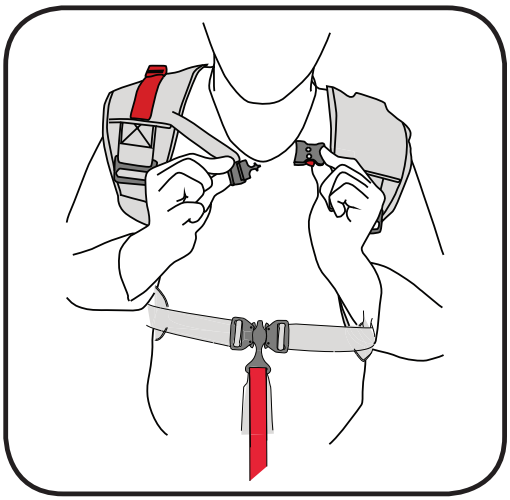
CAUTION



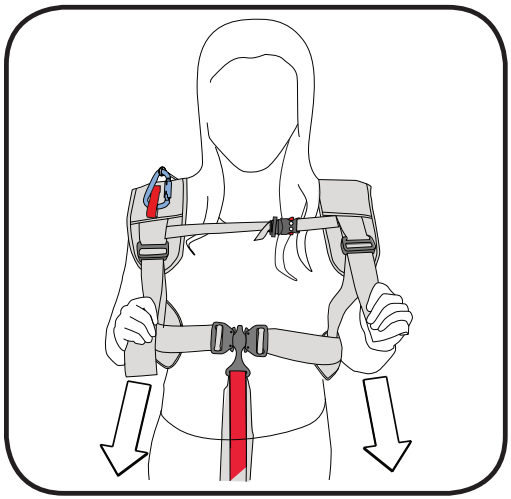
THE STRAP SHOULD BE LOOSE ENOUGH SO THAT YOUR HAND SLIPS BETWEEN IT AND YOUR CHEST.



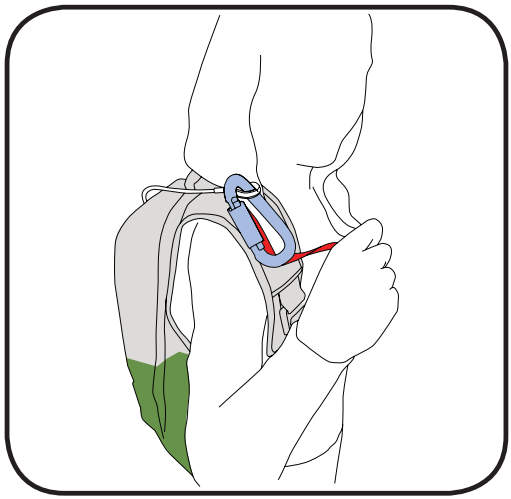
Adjust the leg strap so that it is snug between your legs. Pull in an upward angle to adjust.



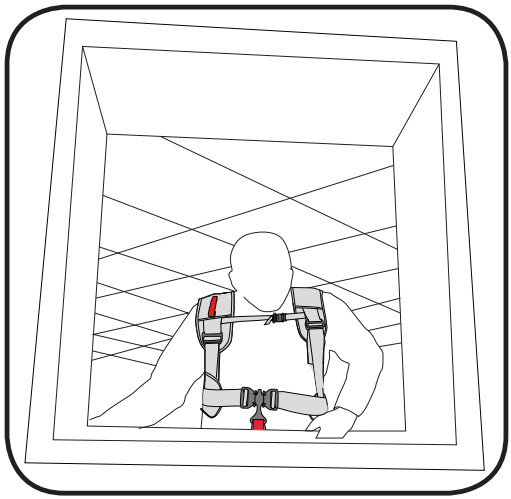
Connect the chest strap.



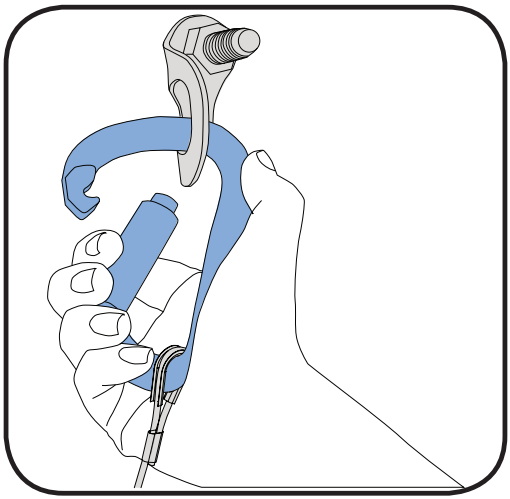
Pull down on the FRONT shoulder tabs and straps to adjust to a snug fit. DO NOT OVERTIGHTEN.



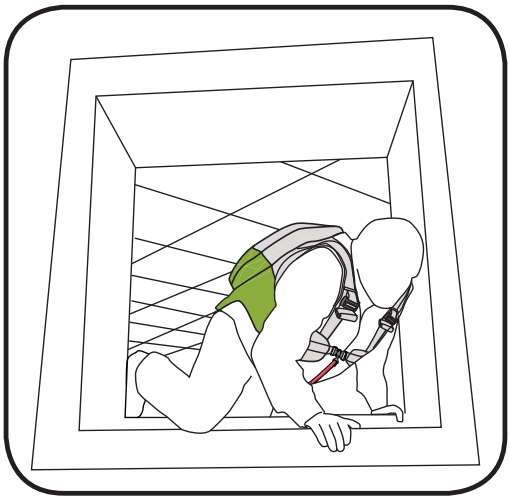
On your right shoulder is the top red tab, pull this down to release the carabiner-style hook.



Locate a window with a pre-installed anchor point, and look down to ensure you can safely lower yourself to ground level. If that is not possible, move to another side of the building and recheck. Look down to the left and right to ensure the way is clear.

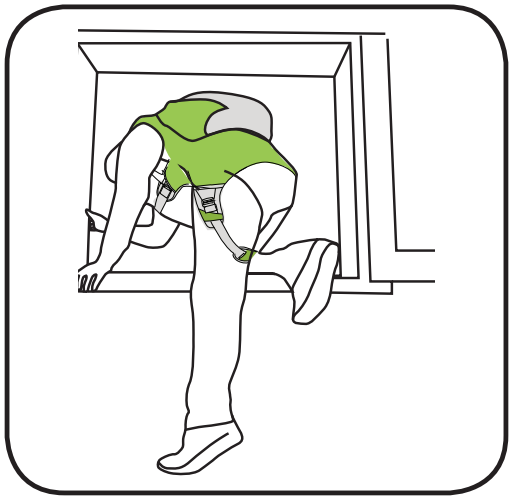


Connect the carabiner-style hook to an anchor point. See anchor installation manual for further instructions.

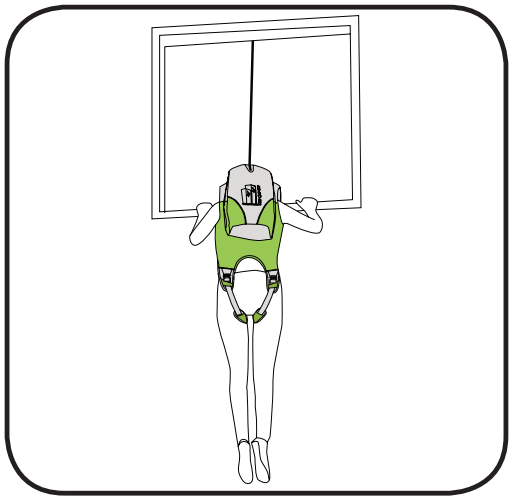


Stay low and place one hand outside the window. This will help maintain balance.

DO NOT JUMP OR PUSH OUT OF THE WINDOW.



PLACE ONE FOOT AND LEG OUTSIDE AND MOVE SMOOTHLY. SWING YOUR OTHER FOOT OUTSIDE until only your chest is on the ledge or edge of the window. With your chest on the edge transfer your weight smoothly onto your SkySaver.



Your aim should be to lower your weight smoothly onto the SkySaver. Once your chest is on the edge, move and hang feet first from your hands.

DANGER

DO NOT JUMP OR PUSH OUT OF THE WINDOW.

THE SKYSAVER IS WELL-DESIGNED BUT EXCESSIVE MOTION AND FORCE FROM A SUDDEN SHIFT IN WEIGHT COULD CAUSE YOUR ANCHOR SYSTEM TO FAIL.

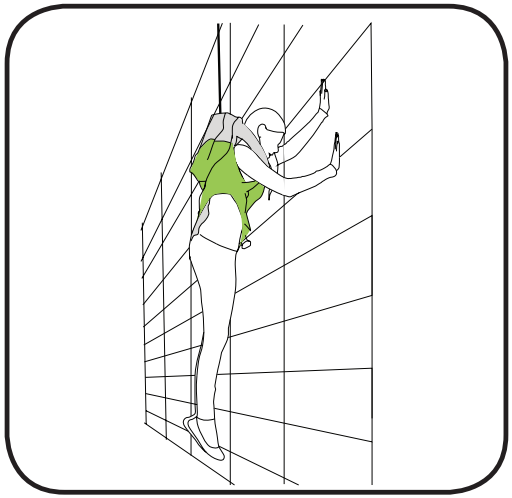
The SkySaver system will lower you to the ground at a speed that is approximately a walking pace (6.5 feet/second or 2 meters/second).

As you descend, do not bounce off the wall. Simply allow the device to lower you.

Bouncing will put undue stress on your anchor.

Gently push off the wall to ease yourself over obstacles such as windows or protruding ledges.

YOU CAN EXPECT A CERTAIN LEVEL OF DISCOMFORT AS THE LIFESAVING DEVICE LOWERS YOU TO THE GROUND.



As you descend, use your hands and feet to gently push yourself from the wall, over obstacles, and around hazards.

Shout as you near the ground and attract the attention of anybody near your landing area. When you land keep your feet shoulder width apart. Land with your feet flat and not on your toes. Unbuckle the straps and step away from the harness.

To undo the harness:

1. Start with the **CHEST STRAP**.
2. Disconnect the **“T” BUCKLE**.
3. Take off as if it is a backpack.
4. Leave the harness hanging as the SkySaver is a one-time use device and it has done its job by saving your life.

WARNING

DO NOT DROP THE CABLE FROM THE WINDOW.

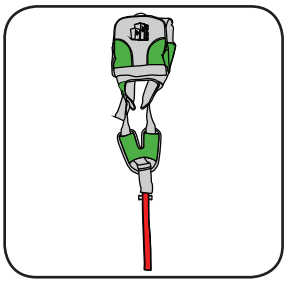
5. After all danger has passed, the system can be recovered by disconnecting the carabiner-style hook from the anchor point.

DANGER

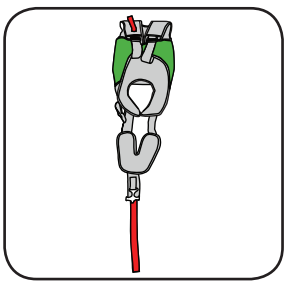
THE SKYSAVER IS A ONE TIME USE DEVICE. DO NOT ATTEMPT TO REWIND THE CABLE.

2.4 Closing the Unit After Familiarization

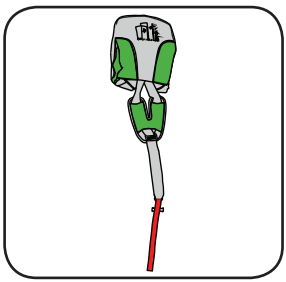
To close the unit:



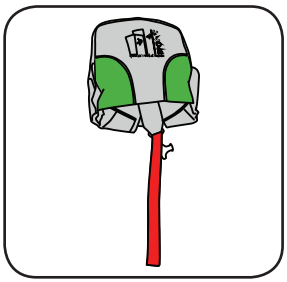
1. Lay the unit on the floor.



2. Tuck the side flaps under.

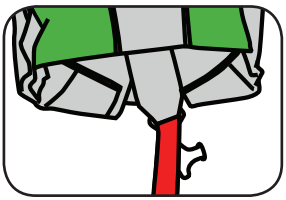


3. Make an “S” fold with the first panel tucked into its pocket at the bottom of the backpack. There is a hook & loop fastener strip to help keep the panel in place.

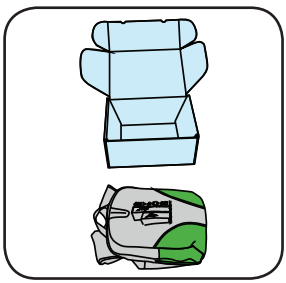


4. “S” fold the final piece of the leg straps into the pocket with the first piece of strap.

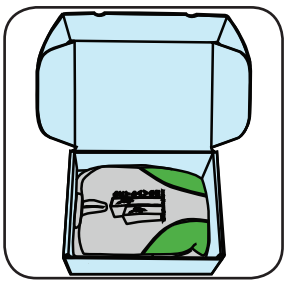
NOTICE



THE BOTTOM RED STRAP AND “T” BUCKLE MUST BE OUTSIDE THE BACKPACK.



5. Put the backpack in its plastic bag with the humidity packet.



6. Put the SkySaver in its box. Close the box and return it to its storage area.

TECHNICAL DATA

Product: SKS 80 / 160 / 260

Uses and Features	High Rise Self Rescue
Number of Users	1
Product Weight	18 / 22 / 26 lbs.; 8 / 10 / 11.8 kg
Descent Load	66 lbs. - 300 lbs.; 30 kg - 135 kg
Descent Speed	6.5 feet/sec; 2 meters/sec (max)
Max Cable Length	80 / 160 / 260 feet; 25 / 50 / 80m
Braking System	Friction
Cable Material	Galvanized Steel
Size	One size fits most
Constant Speed	✓
Anchor	Included; to be installed according to anchor installation manual
Strong & Versatile Cable	✓
Limited Warranty	7 year
Standards	ASTM E2484-08 ASTM F1772-12, 12.1.2 ANSI Z359.4

TERMS OF LIMITED WARRANTY

SEVEN YEAR LIMITED WARRANTY AND DISCLAIMER FOR PURCHASERS AND END-USERS

Purchaser and/or End-user expressly agree that SkySaver Inc.'s ("SKS") warranty with respect to the sale of its products ("Products") is LIMITED solely to SKS' choice of repair, replacement or refund of the purchase price of any Product or part thereof determined by SKS to be manufactured in a defective manner within the first seven (7) years following the purchase of the Product by Purchaser. Purchaser and/or End-user expressly agree that upon termination of the aforementioned seven (7) year period, the purchased Product carries no warranty whatsoever. Purchaser and/or End-user expressly agree that the remedies provided in this section are Purchaser and/or End-user's exclusive remedies in connection with the purchase or use of the Product. Purchaser and/or End-user expressly agree that in no event shall SKS be liable for any incidental or consequential damages in connection with the purchase or use of the Product.

This warranty does not cover product abuse, modification, integration, improper storage, failure to adhere to product instructions, improper operation or misuse. Examples of misuse include, but are not limited to: improper maintenance, usage of product near or with sharp objects, spilling liquids on components, exposure to any harsh elements including being kept in storage with consistent exposure to temperatures and moisture outside the operating and storage specifications.

PURCHASER HEREBY WAIVES ALL WARRANTIES, RIGHTS AND REMEDIES ARISING BY LAW OR OTHERWISE INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTY OF MERCHANTABILITY, ANY IMPLIED WARRANTIES ARISING FROM COURSE OF PERFORMANCE, COURSE OF DEALING OR USAGE OF TRADE, AND IMPLIED WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE.

WARNING: SKYSAVER PRODUCTS ARE INHERENTLY DANGEROUS DEVICES. THEY ARE ONLY TO BE USED IN THE EVENT OF A LIFE-THREATENING EMERGENCY, WHEREBY THE USER DETERMINES THAT THERE IS NO OTHER REASONABLY SAFE WAY FOR THE USER TO EXIT THE STRUCTURE IN WHICH THE USER IS LOCATED. OUR PRODUCTS SHOULD NOT BE USED FOR ANY OTHER PURPOSE. OUR PRODUCTS ARE TO BE USED IN THE EVENT OF A LIFE-THREATENING EMERGENCY ONLY. ANY PERSON USING OUR PRODUCTS IN ANY MANNER IS PERSONALLY RESPONSIBLE FOR READING THE PRODUCT INSTRUCTIONS AND LEARNING THE PROPER USAGE TECHNIQUES. YOU ARE RESPONSIBLE FOR KNOWING AND RESPECTING OUR PRODUCT'S CAPABILITIES AND LIMITATIONS. OUR PRODUCTS SHOULD ONLY BE USED IF THE ANTI-TAMPER SEALS ARE INTACT. YOU ARE RESPONSIBLE FOR YOUR OWN ACTIONS AND DECISIONS. FAILURE TO FOLLOW THESE WARNINGS CAN RESULT IN SEVERE INJURY OR DEATH.

Governing Law: This Limited Warranty and any dispute arising out of the purchase, use or operation of the Products shall be governed by the laws of the State of New York, without regard to its choice of law provisions.

CUSTOMER/TECHNICAL SERVICE INFORMATION

SkySaver, Inc.

729 Ocean Parkway
Brooklyn, NY 11230
service@skysaver.com
1-855-SKY-SAVER
1-855-759-7283

TEST CERTIFICATES

Test certificates can be viewed on line at www.skysaver.com.

INSPECTION LOGS

SkySaver Inspection Log

Inspection Date	Inspector	Comments	Pass/Fail

Anchor Inspection Log

Inspection Date	Inspector	Comments	Pass/Fail

IM/0002/2015